



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**SD-20 ALL PURPOSE DEGREASER (AEROSOL)**

Product Division:

**Janitorial**

Product Number: 6520

**Spartan Chemical Company, Inc.**Product/Technical  
Information: **1-(800)-537-8990****1110 Spartan Drive**Medical Emergency: **1-(888)-314-6171 (24 hours)****Maumee OH 43537**Chemical Leak/Spill  
Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description:	ORM-D, Consumer commodity, cleaning compounds, aerosol, n.o.s.		
<b>NFPA Ratings:</b>		<b>HMIS Ratings:</b>	
<b>Health:</b>	1- Slight	<b>Health:</b>	1- Slight
<b>Fire:</b>	0 - Minimal	<b>Fire:</b>	0 - Minimal
<b>Reactivity:</b>	1- Slight	<b>Reactivity:</b>	1- Slight
		<b>Pers. Prot. Equip.:</b>	See Section VIII

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	% W	CAS Registry No.	Table Z- 1 - A			NTP, IARC or OSHA Carcinogen
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
*2-Butoxyethanol	5-10	111-76-2	120 (skin)	Not Established	Not Established	No
Isobutane	5-10	75-28-5	1900 (NIOSH)	Not Established	Not Established	No
Isopropanol	1-5	67-63-0	980	1225	Not Established	No
Tetrapotassium pyrophosphate	1-5	7320-34-5	Not Established	Not Established	Not Established	No

Comment: \*This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

**SECTION III: PHYSICAL DATA**

Boiling Point:	(Concentrate) 212 °F	Vapor Pressure:	Not Established
Vapor Density (AIR = 1):	Not Established	Solubility in Water:	Complete
pH:	10.5-11.5	Specific Gravity (H <sub>2</sub> O=1):	1.0
Evaporation Rate (but.ace.=1):	<1	Percent Solid by Weight:	<5
Physical State:	Liquid		
Appearance & Odor:	Foam spray, citrus odor		

**SECTION IV: FIRE & EXPLOSIVE HAZARD DATA**

Flash Point:	Propellant: < 0°F	Method Used:	ASTM-D3065
Flammable Limits:	Not Established	Flame Extension:	0" NFPA 30 B Storage Level 1 Aerosol.
Extinguishing Media:	Water, Carbon dioxide, Dry Chemical.		
Special Fire Fighting Procedures:	Water may be used to cool closed containers to prevent pressure build-up and possible rupture, venting or bursting of containers. Use equipment or shielding required to protect personnel against bursting, rupturing or venting containers.		
Unusual Fire & Explosive Hazards:	At elevated temperatures (130 °F/ 54°C) containers may vent, rupture or burst.		

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes and Oral.
Effects of Overexposure-Conditions to Avoid:	<p><b>MAY CAUSE EYE AND SKIN IRRITATION:</b> Symptoms may include pain, redness and swelling. May be harmful if absorbed through the skin.</p> <p><b>MAY BE HARMFUL IF SWALLOWED.</b> Symptoms may include nausea, vomiting, pain and diarrhea.</p> <p><b>INHALATION OF VAPORS OR SPRAY MIST MAY CAUSE RESPIRATORY IRRITATION.</b> Contains 2-butoxyethanol which may cause central nervous system depression with symptoms such as headache; dizziness; nausea and drowsiness. Exposure to 2-butoxyethanol may cause blood cell; liver and kidney damage based on animal data.</p> <p><b>Avoid contact with eyes and skin and clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly with soap and water after handling.</b></p>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		

**Emergency & First Aid Procedures:**

Eyes:	In case of contact; immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation persists.
Skin:	In case of contact; immediately flush skin with water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.
Inhalation:	In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.

## SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	None known
Hazardous Decomposition Products:	CO, CO <sub>2</sub>	Hazardous Polymerization:	Will Not Occur

## SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Flush with water through sanitary sewer system.
Waste Disposal Method:	Do not incinerate or puncture aerosol container. Dispose of in accordance with state or local regulations.

## SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not normally required when good general ventilation is provided. However, if exposure limits (see Section II) are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Rubber or water-resistant gloves
Eye Protection(Specify Type):	Splash Goggles
Other Protective Equipment:	See 29 CFR 1910.132-138 for further reference.

## SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Contents under pressure. Do not use near fires, sparks, or flame. Do not store where temperatures could exceed 120°F.
Other Precautions:	Keep out of reach of children.

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**SD-20 ALL PURPOSE****DEGREASER (AEROSOL)**

Name: Ronald T. Cook

Effective 02/17/2004

Date:

Title: Manager, Regulatory Affairs

Supercedes: 01/07/2000

Ref: 29 CFR 1910.1200 (OSHA) Changes: Update Sections I, II, III, IV, V, VIII &amp; IX

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